

**IN THE CLAIMS**

Please rejoin claims 16-18, which claims are indicated below as “withdrawn”.

Please add new claim 19.

**1. - 9. (Canceled)**

**10. (Previously Presented)** A therapeutic composition for use in tissue repair comprising:

- (a) a biologically compatible implant; and
- (b) a peptide associated with said implant, said peptide having a domain that mimics cell binding by collagen and having enhanced cell binding with respect to collagen.

**11. (Previously Presented)** The therapeutic composition of claim 10, wherein said biologically compatible implant comprises a polymeric hydrogel.

**12. (Previously Presented)** The therapeutic composition of claim 10, wherein said peptide is selected from Gly-Thr-Pro-Gly-Pro-Gln-Gly-Ile-Ala-Gly-Gln-Arg-Gly-Val-Val (SEQ ID NO: 1), Gly-Pro-Gln-Gly-Ile-Ala-Gly-Gln-Arg (SEQ ID NO: 2), Gln-Gly-Ile-Ala-Gly-Gln (SEQ ID NO: 3), Gln-Gly-Ile-Ala-Gly-Gln-Arg (SEQ ID NO: 4), Phe-Gly-Ile-Ala-Gly-Phe (SEQ ID NO: 5), Gly-Ile-Ala-Gly-Gln (SEQ ID NO: 6), and Gln-Gly-Ala-Ile-Ala-Gln (SEQ ID NO: 7).

**13. (Previously Presented)** A composition for repair of bone, cartilage, tendons, ligaments, or muscle damage associated with arthritis, comprising a carrier and a peptide with a domain that mimics the cell binding of collagen and having enhanced cell binding with respect to collagen, said peptide being chosen from Gly-Thr-Pro-Gly-Pro-Gln-Gly-Ile-Ala-Gly-Gln-Arg-Gly-Val-Val (SEQ ID NO: 1), Gly-Pro-Gln-Gly-Ile-Ala-Gly-Gln-Arg (SEQ ID NO: 2), Gln-Gly-Ile-Ala-Gly-Gln (SEQ ID NO: 3), Gln-Gly-Ile-Ala-Gly-Gln-Arg (SEQ ID NO: 4), Phe-Gly-Ile-

Ala-Gly-Phe (SEQ ID NO: 5), Gly-Ile-Ala-Gly-Gln (SEQ ID NO: 6), and Gln-Gly-Ala-Ile-Ala-Gln (SEQ ID NO: 7).

14.- 15. **(Canceled)**

16. **(Withdrawn)** The composition of claim 13, wherein the composition further comprises a biocompatible carrier.

17. **(Withdrawn)** The composition of claim 16, wherein the biocompatible carrier is a hydrogel.

18. **(Withdrawn)** The composition of claim 16, wherein the carrier is resorbable.

19. **(New)** The composition of claim 13, wherein said biologically compatible implant includes a ceramic, a metal, a polymer or a composite thereof.